

FCC ID: NGVAWT951

**2.4GHz**

**Wireless Camera Transmitter & Receiver**

**AWT951 / AWW32XR<sub>x</sub>**

**USER MENU**

# INSTRUCTIONS MANUAL

## FEDERAL COMMUNICATIONS COMMISSION

### INTERFERENCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

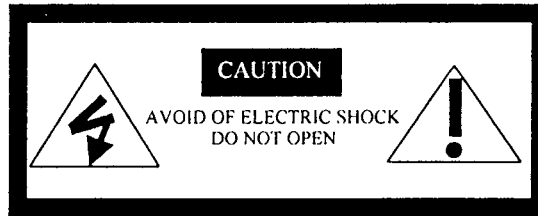
#### CAUTION:

To assure continued FCC compliance:

- (1) Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

#### FCC Label Compliance Statement:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



Do not expose the product to the rain or fire. Do not use any power supply not approved by the company.

#### Safety precautions

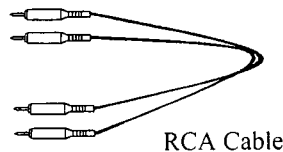
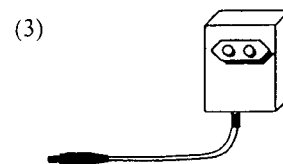
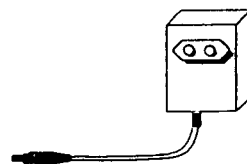
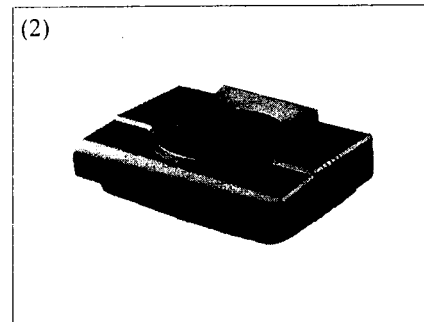
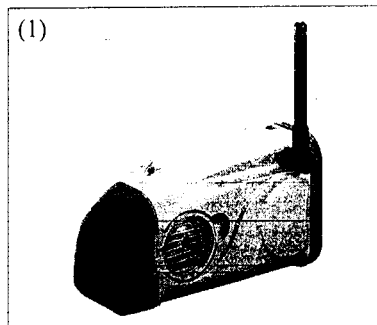
1. Read this manual carefully before you use the product.
2. This manual will show you how to mount and use it.
3. Please observe all the warnings in this manual.
4. When cleaning the product, turn it off first. Use a clean soft cloth moistened with a little bit of water to clean it.
5. Installing the product on a wall, ceiling, or fixing it to a tripod is recommendable.
6. Do not apply pressure to it or drop it.
7. If it does not work correctly, return it to the company where it was purchased. Do not dismantle it yourself.
8. Do not use the product close to heater, refrigerator or stove.
9. When the product is in use, do not direct the lens toward any bright light.

## Content:

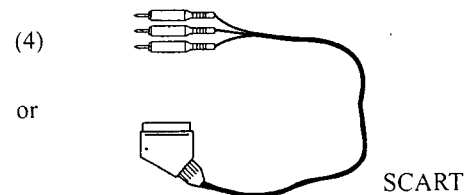
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## 1. Packaging and accessories

- (1) One AWT951 transmitter
- (2) One AWW325 receiver (AWV32X series option)
- (3) Two D/C adapters
- (4) A set of A/V connectors (RCA or SCART OPTION)
- (5) One stand (option)
- (6) Six AAA batteries
- (7) One menu



RCA Cable

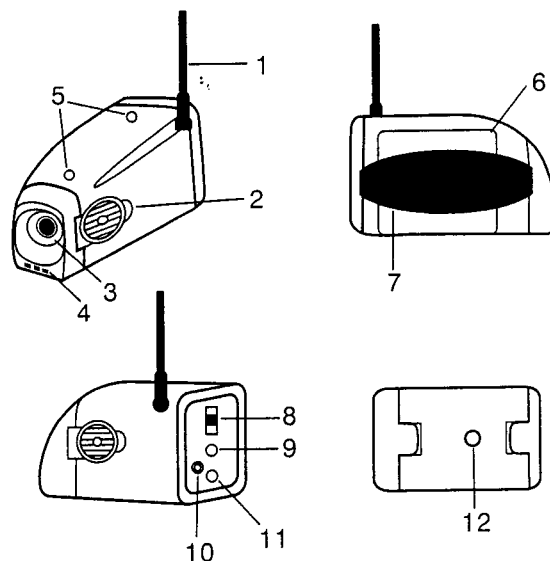


SCART

## 2. Features and functions of the transmitter and the receiver

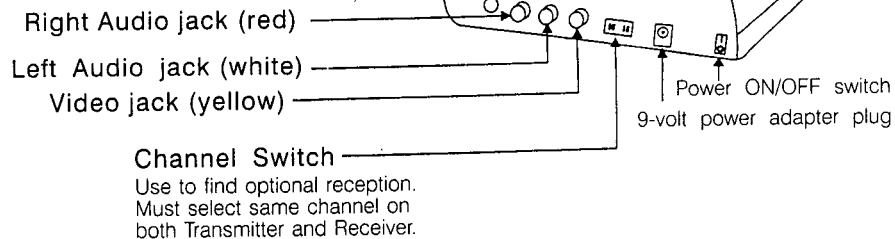
The transmitter AWT951 Tx:

- (1) 2.4GHz Antenna
- (2) Optical View Finder
- (3) Camera
- (4) Mic
- (5) Power on indicator
- (6) Battery Cover
- (7) Holding Belt
- (8) ch1~ch4 switch
- (9) Power on/off Button
- (10) AV Out Jack
- (11) Input Socket
- (12) Stand Socket



The receiver AWW 325 Rx (AWV32X series option):

**Built in 2.4GHz antenna**  
Sends or receives Audio/Video signals.



### 3. Connections of the receiver

- (1) Use A/V cable to connect A/V OUT from the Receiver to A/V IN on your TV.  
Be sure to match Audio (R&L) and Video jacks on both Receiver and TV correctly.
- (2) Plug the DC adapter into a wall power line outlet.
- (3) Select the right channel same as the Transmitter AWT951.

#### 4. Aligning one transmitter with one receiver

- (1) Turn the channel switch on the back of the transmitter to channel 1, and then turn the power switch to 'ON'.
- (2) Make sure the indicator is on.
- (3) Turn on the power switch of the receiver. Turn the channel switch to position 1.
- (4) Connect the A/V signal of the receiver with the line to TV or a monitor. (Refer to Connections of the receiver).
- (5) Now you should be able to see the image from the monitor or the TV set, talk through the microphone, and hear voices.
- (6) Adjust the receiver and the transmitter to channels 2, 3 or 4 as you wish following procedures 1 to 5. (Note: To receive the right signal correctly the receiver and the transmitter should be on the same channel).

#### 5. Aligning multiple transmitters to one receiver

- (1) If you have lots of transmitters, you may be in correspondence with 4 transmitters to one receiver by this system.
- (2) Adjust the channel switch on the back of the transmitter to one of channels 1 to 4. Each channel switch is to one of the separate channels only.
- (3) The transmitters in question can be used simultaneously. When the transmitter is plug into power, make sure the channel indicator is on.
- (4) Turn on the power switch of the receiver and connect the A/V connection with TV or a monitor. (Refer to Connections of the receiver).
- (5) Now you should be able to see the image from the screen or the TV set from the selected channel, or scan automatically by setting the switch-over time. (pis see part 6 channel and switch-over time selection)
- (6) You may see different images from different channels.

## 6. Channel and switch-over time selection

The Video Sender has two operating modes:

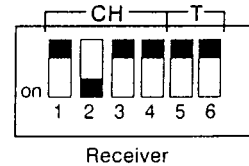
- (1) Permanently set to receive a specific Channel.
- (2) Switchable between the selected Channels within specified time intervals. This feature is required, for example when the Receiver is used with several radio monitoring cameras.

### \* Channel switch (rear)

Four Channel switches (1 to 4) for selecting the receiver Channel.

In the example shown here,

Channel 2 is activated.

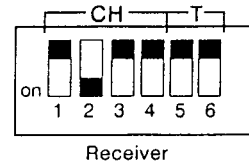


### \* Setting the switch-over time

Use Switches 5 & 6 to select the switch-over time between Channels.

Time settings

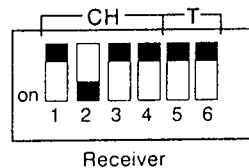
5	6	Time
ON	ON	8 sec.
ON	OFF	4 sec.
OFF	ON	2 sec.
OFF	OFF	1 sec.



### \* Using the receiver without the Channel switch-over function

The same Channel must be selected for transmitting and receiving a signal. This setting makes it possible to operate up to 4 systems independently.

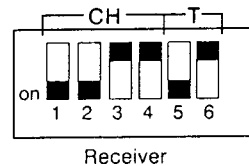
Example: Transmitter sends a signal to  
Receiver via Channel 2



### \* Using the receiver with the Channel switch-over function

Switches 1 to 4 are used to select the Channels you wish to switch between. Use Switches 5 & 6 to select the switch-over time.

Example: Receiver switches between Channels  
1 and Channel 2 at 4 second intervals.

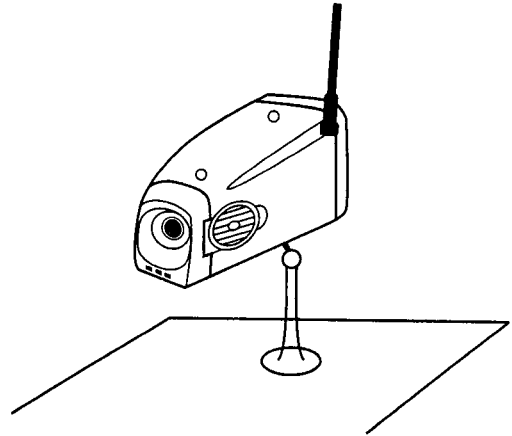




7. Stand on the table or mount on the wall

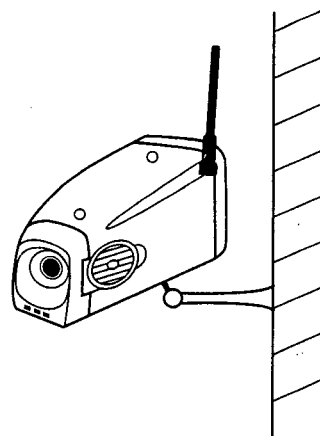
(1) Stand on the table:

- Screw the camera AWT951 on the stand and put on the table to obtain the best view.
- Adjust the direction vertically or horizontally.



(2) Mount on the wall :

- Mount the camera AWT951 on the wall as the drawing.
- Adjust the direction vertically or horizontally.



## 8. Trouble-shooting

### (1) No picture or sound

- I. Make sure the power supply switches on the back of the transmitter and the receiver are both in the "ON" position.
- II. Check correct position of all the connectors and plugs.
- III. Make sure the transmitter and the receiver are on the same channel.

### (2) Interruptions in image and sound

- I. Adjust the transmitter and the receiver to closer position.
- II. If a microwave oven or electro-magnetic oven is in use, turn it off and try the product again.
- III. Use other channels for the transmitter and the receiver.

## 9. Specifications

### (1) The transmitter

- I. Frequency range: 2.414 GHz - 2.468 GHz
- II. Channels available: 4
- III. Antenna: dipole antenna
- IV. Power supply: 120 V A/C, 60 Hz (American)  
230 V A/C, 50 Hz (European)  
9 V / 300 mA D/C adapter (dia. 5.5 mm)

### (2) The receiver

- I. Frequency range: 2.414 GHz - 2.468 GHz
- II. Channels available: 4
- III. A/V output: RCA or SCART OPTION
- IV. Power supply: 120 V A/C, 60 Hz (American)  
230 V A/C, 50 Hz (European)  
9 V/300 mA D/C adapter